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(54) ELECTROPHOTOGRAPHIC TONER

(57)Abstract:

PURPOSE: To provide toner with wax of small grain diameter dispersed uniformly so as not to generate filming to a photosensitive body caused by the separation of wax, and black spots and fog caused by filming.

CONSTITUTION: Electrophotographic toner for fixing a heat roll is formed of at least binding resin and offset preventing wax. This toner contains 1-7 weight parts of wax to 100 weight parts of the toner binding resin in such a state that the wax is incompatible with the binding resin, and the wax is substantially spherical and/or spindle-shaped, and dispersed in island shape. In the case of spherical dispersed wax, the average diameter (DW) of the wax and the average diameter (DT) of the toner satisfies the relation of $DW=0.05DT-0.2DT$. In the case of spindle-shaped dispersed wax, a relational expression $(ab^2)^{1/3}=0.025DT-0.1DT$ is satisfied, where (a) is the average of the major axes of the wax, and (b) is the average of minor axes of the wax.

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